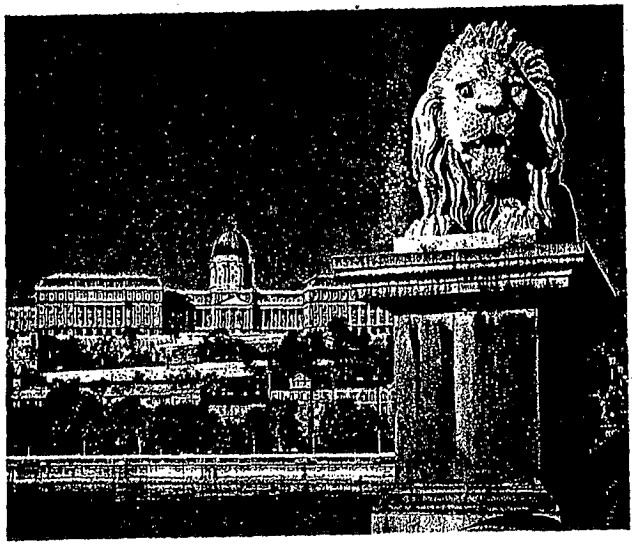
HANS SELYE SYMPOSIA
IN NEUROENDOCRINOLOGY

ADVANCES IN PSYCHONEUROIMMUNOLOGY



Satellite Meeting of the
8th International Congress of Immunology

August 17-21, 1992
Budapest, Hungary

Preliminary Program

Aug. 17.

18:30 – 20:00 Opening Ceremony Plenary Lecture:
The Immune-neuroendocrine Circuitry as the Last Frontier of Vertebrate Immunity.
Andor Szentiványi (Tampa, Fl, USA),
Honorary Guest

Aug. 18 A . HORMONAL IMMUNOREGULATION

08:30 – 10:45 SYMPOSIUM I.
THE ROLE OF GROWTH AND LACTOGENIC HORMONES
Chair: I. Berczi (Winnipeg, Canada),
M.Dardenne (Paris, France)

1. Growth and lactogenic hormone receptors
   Paul A. Kelly (Paris, France)
2. Signal transduction by prolactin
   Charles V. Clevenger (Philadelphia, USA)
3. Hormonal regulation of thymus function
   Wilson Savino (Rio de Janeiro, Brazil)
4. Immunoregulation by growth hormone
   Keith W. Kelley (Urbana, Il, USA)
5. Prolactin as an immunoregulatory hormone
   Eva Nagy (Winnipeg, Canada)

10:45 – 11:00 Coffee

11:00 – 13:15 SYMPOSIUM II.
IMMUNOREGULATION BY THE ACTH-ADRENAL AXIS
Chair: G. Wick (Innsbruck, Austria),
J.E. Blalock (Birmingham, USA)

1. Introductory remarks
   G. Wick (Innsbruck, Austria)
2. Effects of cytokines on the hypothalamo-pituitary-adrenal axis
   R. C. Gaillard (Geneva, Switzerland)
3. Neuropeptide and hormone receptors in the immune system
   D.J.J. Carr (New Orleans, USA)
4. Hypothalamo-pituitary-adrenal axis in rheumatoid arthritis
   E.M. Sternberg (Bethesda, USA)
5. The role of stress-responsive neurotransmitter systems in the pathophysiology of depression and mechanisms of action of psychotropic agents
   P. Gold (Bethesda, USA)
6. Concluding remarks
   J.E. Blalock (Birmingham, USA)

13:15 – 14:15 Lunch

14:15 – 16:30 SYMPOSIUM III.
NEUROENDOCRINE AND METABOLIC EFFECTS OF CYTOKINES
Chair: H.O. Besedovsky (Basel, Switzerland),
J.P. Revillard (Lyon, France)

1. Interleukin-1 and glucose homeostasis
   H.O. Besedovsky (Basel, Switzerland)
2. Cytokines and sleep
   J.M. Krueger (Memphis, USA)
3. Effects of cytokines on central and peripheral neurotransmitters
   A. del Rey (Basel, Switzerland)
4. Endocrine disorders associated with recombinant cytokine therapy
   T. Dorval (Paris, France)
5. General discussion

Source: https://www.industrydocuments.ucsf.edu/docs/ntmv0000

16:30 – 18:00 WORKSHOPS

I. GROWTH AND LACTOGENIC HORMONES
(Leader: C.J. Wiedermann, Innsbruck, Austria)

II. POMC DERIVED PEPTIDES, GLUCOCORTICOIDS
(Leaders: C. Heijnen (Utrecht, Netherlands)
A. Del Rey (Basel, Switzerland)

III. SYSTEMIC EFFECTS OF CYTOKINES
(Leader: T. Dorval, Paris, France)

Aug. 19.

08:30 – 10:45 SYMPOSIUM IV.
SEX HORMONES
Chair: C. Grossman (Cincinatti, USA)
C.Wira (Hanover, NH, USA)

1. Sex steroid receptors and their possible function in cells of the immune system
William H. Stimson (Glasgow, Scotland)
2. Effects of cytokine on reproduction
Catherine Rivier (La Jolla, CA, USA)
3. Estrogen regulation of cytokine function in the human endometrium
Siamak Tabibzadah (Elmhurst, NY, USA)
4. Androgen regulation of the immune system at mucosal surfaces
David A. Sullivan (Boston, USA)
5. Immunoregulation by steroid hormone analogues
A.H.W.M. Schuurs (Netherlands)

10:45 – 11:00 Coffee

11:00 –13:15 SYMPOSIUM V.
PATHOLOGICAL ASPECTS OF ENDOCRINE-IMMUNE INTERACTION
Chair: K. Kovács (Toronto, Canada)
S. Szabó (Boston, USA)

1. Mast cells as targets of endocrine-immune interaction
S. Galli (Boston, USA)
2. Endocrinei-mmune interactions in the pituitary
S.L. Asa (Toronto, Canada)
3. Endocrine immune interactions in the thyroid
David Murray (Toronto, Canada)
4. Endocrine immune interactions in the gastrointestinal tract
H. Nagura (Sendai, Japán)
5. Autoimmune adrenocortical disease
S. Szabó (Boston, USA)

13:15 – 14:15 Lunch

B. NEURAL INFLUENCES ON THE IMMUNE SYSTEM AND ON INFLAMMATION

14:15 – 16:30 SYMPOSIUM VI.
IMMUNOMODULATION BY NEUROTRANSMITTERS AND NEUROPEPTIDES
Chair: T.Roszman (Lexington,USA)
J. Szelényi (Budapest, Hungary)

1. Calcitonin gene related peptide modulation of immune and inflammatory processes
J.McGillis (Lexington, USA)
2. Relationship between innervation and autoimmune disease
S.Y. Felten (Rochester, USA)
3. Multiple processes involved in the regulation of the beta-adrenergic signalling pathway responsiveness
M. Bouvier (Montreal, Canada)
4. Regulation of NK cells during acute physiological stress by noradrenalin
R.E. Schmidt (Hannover, Germany)
5. Expression of neurotransmitter receptors and their modulator enzymes on peripheral blood lymphocytes
J. Szelényi (Budapest, Hungary)

16:30 – 18:00 WORKSHOPS

IV. SEX HORMONES
Leaders: C. Grossman (Cincinnati, USA)
Edward Baral (Winnipeg, Canada)

V. ENDOCRINE IMMUNOPATHOLOGY
Leaders: K. Kovács (S.L. Asa, Toronto)

VI. NEUROTRANSMITTERS AND NEUROPEPTIDES
Leader: A. Stanisz (Hamilton, Canada)

Evening Lectures: Mast Cells: Capsaicin and Inflammation (G. Jancso)
Stress and Disease: The Work and Legecy of Hans Selye (I. Berczi)

Aug. 20.

08:30 – 10:45 SYMPOSIUM VII.
NEUROREGULATION OF INFLAMMATION AND HYPERSENSITIVITY
Chair: J. Bienenstock (Hamilton, Canada)
C. Ottaway (Toronto, Canada)

1. Introduction
2. Neuroregulation of inflammation and hypersensitivity in the skin
J.C. Foreman (London, UK)
3. The effects of endogenously released inflammatory mediators and mast cell derived mediators on the electrophysiological properties of peripheral neurones and synapses
D. Weinreich (Baltimore, USA)

Source: https://www.industrydocuments.ucsf.edu/docs/ntmv0000

4. Psychoneuroimmunology of hypersensitivity of the gut
M. Perdue (Hamilton, Ont., Canada)
5. Lessons from a specific substance P antagonist
M. Snider (Groton, CT, USA)

10:45 – 11:00 Coffee

C. BEHAVIORAL MODULATION OF IMMUNITY

11:00 – 13:15 SYMPOSIUM VIII.
STRESS, IMMUNE FUNCTION AND DISEASE
Chair: R. Ader (Rochester, USA)
K. Kelley (Urbana, USA)
1. Behavioral effects of cytokines
Robert Dantzer (Bordeau, France)
2. Mechanisms of stress-induced host defense alterations
Bruce S. Rabin (Pittsburgh, PA, USA)
3. Stress, opioids and immunity
Yehuda Shavit (Jerusalem, Israel)
4. Stress and infectious disease
John Sheridan (Colombus, USA)
5. Psychosocial factors and the course of HIV infections
Margaret Kemeny (Los Angeles, USA)

13:15 – 14:15 Lunch

D. AGING

14:15 – 16:30 SYMPOSIUM IX.
NEUROIMMUNOLOGY OF AGING
Chair: N. Fabris (Ancona, Italy)
K. Schauenstein (Graz, Austria)
1. Introduction: Neuroendocrine thymus interactions in aging
Nicola Fabris (Ancona, Italy)
2. Age-associated changes of the autonomic nervous system innervation in the thymus gland
K. Bulloch (San Diego, CA, USA)
3. Enkephalin effects on immunity in aging
B. Jankovic (Belgrade, Yugoslavia)
4. Effects of aging on production, physiology, pathology and pharmacology of beta endorphin
Alberto Panerai (Milano, Italy)
5. Adrenergic and cholinergic regulation of activation and differentiation of lymphocytes
K. Schauenstein (Graz, Austria)
6. Concluding remarks
Amiela Globerson (Rehovot, Israel)

16:30 – 18:00 WORKSHOPS
VII. HYPERSENSITIVITY AND INFLAMMATION
Leaders: Dr. J. Bassbaum (San Francisco, USA)
H.J.F. Baltrush (Hannover, Germany)
VIII. BEHAVIORAL IMMUNOLOGY
Leaders: Carl K. Edwards (Kansas City, USA)
N. Cohen (Rochester, USA)
IX. AGING
Leaders: Shai Brill (Petah Tikva, Israel)
William B. Ershler (Madison, USA)

General Information

Conference Venue:

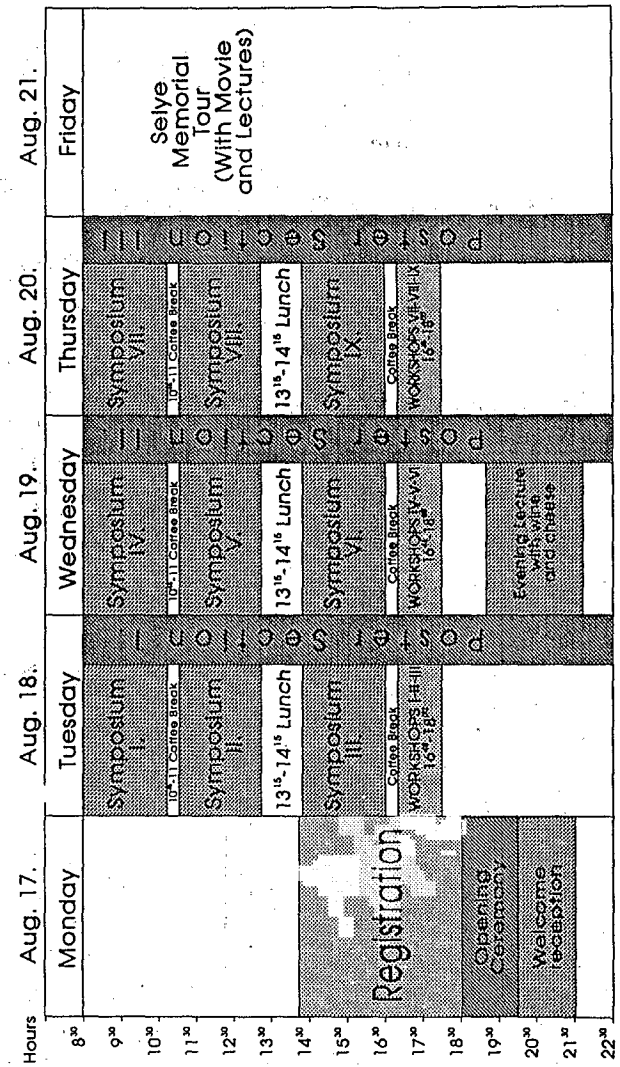
Thermal Hotel Helia,
Budapest XIII. Kárpát utca 82-84.

A 4-star hotel on the bank of the Danube offering a splendid view of the river and Margaret Island.

Language:

Tne official conference language is English.

Program Schedule



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